



**Katherine Hauer**  
Air Specialist

**MCBU, HES, AIR**  
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April 29, 2009

Carey Bylin  
Natural Gas Star Program  
U.S. Environmental Protection Agency  
1200 Pennsylvania Ave., NW (MC6207-J)  
Washington, DC 20460

*Access 7/13/09 RL*  
*istar 7/13/09 RL*  
*QA/QC 7/14/09 OF*

Dear Ms. Bylin,

Please find enclosed the 2008 Annual Report for Chevron North America Exploration and Production Company's MidContinent/Alaska Business Unit.

If you have any questions, please do not hesitate to contact me at the telephone number and e-mail address above.

Sincerely,

A handwritten signature in cursive script that reads "Katherine Hauer".

Katherine Hauer

Enclosure

Chevron has been a participant in the Natural Gas STAR program since 1995. The program is a voluntary partnership between the EPA and the oil and gas industry to encourage methane emissions reductions among natural gas producers, processors, and transmission companies. As a partner, Chevron is required to annually report our methane emissions reductions. Below is a summary of the 2008 MCA results, collected through collaboration with Energy Management, HES Specialists, and a review of the MCA capital project list.

Projects		Methane Reductions <sup>1</sup>		\$ Spent	Value of Gas Saved <sup>2</sup>
1	Flares	2.0	MMCF	\$21,408	\$14,000
87	Plunger Lifts	408.9	MMCF	\$4,640,658	\$2,862,300
50	Pumping Units	48.6	MMCF	\$2,282,335	\$340,500
1	Equipment Replacement	0.1	MMCF	\$17,814	\$420
20	Velocity Strings	93.6	MMCF	\$1,267,054	\$655,340
14	Electric Compressor	1.8	MMCF	\$672,408	\$12,702
4	Soap Units	10.1	MMCF	\$15,535	\$70,560
12	Solar Pumps	15.0	MMCF	\$60,000	\$105,058
5	VRUs	1.9	MMCF	\$546,572	\$13,085
194	TOTAL	582.0	MMCF	\$9,523,785	\$4,073,965

1. Most methane reductions are calculated using emissions factors provided by the EPA NG STAR program
2. Gas value based on \$7/mcf

2008 MCA reduction of 582 MMCF is equivalent to:

- Carbon sequestered by 53,191 acres of pine or fir forest in one year
- CO<sub>2</sub> equivalent from the energy use of 21,296 home for one year
- Removing 42,864 cars from the road for one year
- Reducing 12,285 tons of methane in one year

# Annual Report 2008



## Production Sector

### Company Information

Company Name: Chevron North America Exploration and  
Production Company  
MidContinent/Alaska Business Unit

Gas STAR Contact: Kate Hauer

Title: Air Specialist

Address: PO Box 36366  
Rm. C-2403

City, State, Zip Code: Houston, TX 77236

Telephone: (281) 561 - 3830

Fax: (281) 561 - 7204

E-mail: KHHT@chevron.com

### Annual Report Summary

Period covered by report: From: Jan 08 To: Dec 08

Signature: Katherine Hauer

Date: 4/29/09

- Because the implementation of some technologies reduces emissions for multiple years, Gas STAR allows certain activities to count towards a company's emission reductions beyond the initial year of implementation. Gas STAR designates the maximum length of time that these reductions may accrue as "sunset dates." The Appendix lists these sunset dates. Companies can report the corresponding methane emission reductions each year up to the allowable sunset date. Or, companies may wish to report reductions only once for the implementation year, and have EPA automatically apply the sunset date and count those emissions for the allowable number of years.
- In addition to reporting methane emissions reductions, you are welcome to include other information about your company's participation in Natural Gas STAR in the "Additional Program Accomplishments" section of this form. The Natural Gas STAR Program will use any information entered in this section to recognize the efforts and accomplishments of outstanding partners.



## Production Sector Annual Report

OMB Control No. 2060-0328

### Partner Reported Opportunities (PROs) (For more details on PROs, visit [epa.gov/gasstar/techprac.htm](http://epa.gov/gasstar/techprac.htm))

#### Current Year Activities

**A. Facility/location identifier information:** Chevron MidContinent/Alaska Business Unit ✓

**B. Activity description:** Please provide a separate PRO reporting form for each activity reported. If reporting a DI&M activity, please use a separate page for each location/facility surveyed.

Please specify the technology or practice that was implemented (choose from the list in the appendix or describe your own):

Install Flares ✓

Please describe how your company implemented this activity:

**C. Level of Implementation** (check one):

- ✓ ☒ Number of units installed: 1 units  
☐ Frequency of practice: \_\_\_\_\_ times/year

**E. Are emissions reductions a one-year reduction or a multi-year reduction?** ☐ One-year ☒ Multi-year

If Multi-year:

✓ ☒ Partner will report this activity once and let EPA automatically calculate future emission reductions based on sunset date duration\*.

☐ Partner will report this activity annually up to allowed sunset date.

**E. Methane emissions reduction:** 2000 ✓ Mcf

**F. Cost summary:** Estimated cost of implementing this practice/activity (including equipment and labor): \$ 21408.68 ✓

**Please identify the basis for the emissions reduction estimate, using the space provided to show any calculations**

☐ Actual field measurement

✓ ☒ Other (please specify): PRO Reported Savings ✓

☐ Calculation using manufacturer specifications/other source

For assistance quantifying the methane emission reductions achieved by a particular technology or practice, please refer to the Gas STAR Emission Reduction Quantification Reference Guide, available on the Gas STAR Web site at: [epa.gov/gasstar/docs/quantifying\\_ngs\\_methane\\_reductions.xls](http://epa.gov/gasstar/docs/quantifying_ngs_methane_reductions.xls).

**G. Total value of gas saved:** \$ 14,000 ✓ \$ 0 Flared

Total value of gas saved = Methane emissions reduction (in Mcf)  
x Gas value (in \$/Mcf) [If not known, use default of \$7.00/Mcf]

**H. To what extent do you expect to implement this practice next year?**

#### Previous Years' Activities

Use the table below to report any past implementation of this PRO, but not previously reported to Natural Gas STAR

Year	Frequency of Practice/Activity or # of Installations	Total Cost of Practice/Activity (incl. equipment and labor) (\$)	Estimated Reductions (Mcf/yr)	Value of Gas Saved (\$)

**PRO Comments:** Please use the back of the page for additional space if needed.

\* Because the implementation of some technologies reduces emissions for multiple years, Gas STAR allows certain activities to count towards a company's emission reductions beyond the initial year of implementation. Gas STAR designates the maximum length of time that these reductions may accrue as "sunset dates." The Appendix lists these sunset dates. Companies can report the corresponding methane emission reductions each year up to the allowable sunset date. Or, companies may wish to report reductions only once for the implementation year, and have EPA automatically apply the sunset date and count those emissions for the allowable number of years.



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#### Current Year Activities

A. Facility/location identifier information: Chevron MidContinent/Alaska Business Unit ✓

B. Activity description: Please provide a separate PRO reporting form for each activity reported. If reporting a DI&M activity, please use a separate page for each location/facility surveyed.

Please specify the technology or practice that was implemented (choose from the list in the appendix or describe your own):

Artificial Lift:  
Install Plunger Lifts ✓

Please describe how your company implemented this activity:

C. Level of Implementation (check one):

- ✓ ☒ Number of units installed: 87 units  
☐ Frequency of practice: \_\_\_\_\_ times/year

E. Are emissions reductions a one-year reduction or a multi-year reduction? ☐ One-year ✓ ☒ Multi-year

If Multi-year:

✓ ☒ Partner will report this activity once and let EPA automatically calculate future emission reductions based on sunset date duration\*.

☐ Partner will report this activity annually up to allowed sunset date.

E. Methane emissions reduction: 408,900 ✓ Mcf

F. Cost summary: Estimated cost of implementing this practice/activity (including equipment and labor): \$ 4,640,658 ✓

Please identify the basis for the emissions reduction estimate, using the space provided to show any calculations

- ☐ Actual field measurement  
☐ Calculation using manufacturer specifications/other source  
✓ ☒ Other (please specify): PRO Reported Savings

For assistance quantifying the methane emission reductions achieved by a particular technology or practice, please refer to the Gas STAR Emission Reduction Quantification Reference Guide, available on the Gas STAR Web site at: [epa.gov/gasstar/docs/quantifying\\_nga\\_methane\\_reductions.xls](http://epa.gov/gasstar/docs/quantifying_nga_methane_reductions.xls).

G. Total value of gas saved: \$ 2,862,300 ✓

Total value of gas saved = Methane emissions reduction (in Mcf)  
x Gas value (in \$/Mcf) [If not known, use default of \$7.00/Mcf]

H. To what extent do you expect to implement this practice next year?

#### Previous Years' Activities

Use the table below to report any past implementation of this PRO, but not previously reported to Natural Gas STAR

Year	Frequency of Practice/Activity or # of Installations	Total Cost of Practice/Activity (incl. equipment and labor) (\$)	Estimated Reductions (Mcf/yr)	Value of Gas Saved (\$)

**PRO Comments:** Please use the back of the page for additional space if needed.

\* Because the implementation of some technologies reduces emissions for multiple years, Gas STAR allows certain activities to count towards a company's emission reductions beyond the initial year of implementation. Gas STAR designates the maximum length of time that these reductions may accrue as "sunset dates." The Appendix lists these sunset dates. Companies can report the corresponding methane emission reductions each year up to the allowable sunset date. Or, companies may wish to report reductions only once for the implementation year, and have EPA automatically apply the sunset date and count those emissions for the allowable number of years.



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#### Current Year Activities

A. Facility/location identifier information: Chevron MidContinent/Alaska Business Unit ✓

B. Activity description: Please provide a separate PRO reporting form for each activity reported. If reporting a DI&M activity, please use a separate page for each location/facility surveyed.

Please specify the technology or practice that was implemented (choose from the list in the appendix or describe your own):

Install Pumping Units ~~§~~

Artificial lift: install pumpjacks or rod pumps ✓

Please describe how your company implemented this activity:

C. Level of Implementation (check one):

- ✓ ☒ Number of units installed: 50 units  
☐ Frequency of practice: \_\_\_\_\_ times/year

E. Are emissions reductions a one-year reduction or a multi-year reduction? ☐ One-year ☒ Multi-year

If Multi-year:

☒ Partner will report this activity once and let EPA automatically calculate future emission reductions based on sunset date duration\*.

☐ Partner will report this activity annually up to allowed sunset date.

E. Methane emissions reduction: 48,643 ✓ Mcf

F. Cost summary: Estimated cost of implementing this practice/activity (including equipment and labor): \$ 2,282,335 ✓

Please identify the basis for the emissions reduction estimate, using the space provided to show any calculations

- ☐ Actual field measurement  
☐ Calculation using manufacturer specifications/other source  
✓ ☒ Other (please specify): PRO Reported Savings

For assistance quantifying the methane emission reductions achieved by a particular technology or practice, please refer to the Gas STAR Emission Reduction Quantification Reference Guide, available on the Gas STAR Web site at: [epa.gov/gasstar/docs/quantifying\\_ngs\\_methane\\_reductions.xls](http://epa.gov/gasstar/docs/quantifying_ngs_methane_reductions.xls).

G. Total value of gas saved: \$ 340,500 ✓

Total value of gas saved = Methane emissions reduction (in Mcf)  
x Gas value (in \$/Mcf) [If not known, use default of \$7.00/Mcf]

H. To what extent do you expect to implement this practice next year?

#### Previous Years' Activities

Use the table below to report any past implementation of this PRO, but not previously reported to Natural Gas STAR

Year	Frequency of Practice/Activity or # of Installations	Total Cost of Practice/Activity (incl. equipment and labor) (\$)	Estimated Reductions (Mcf/yr)	Value of Gas Saved (\$)

PRO Comments: Please use the back of the page for additional space if needed.

\* Because the implementation of some technologies reduces emissions for multiple years, Gas STAR allows certain activities to count towards a company's emission reductions beyond the initial year of implementation. Gas STAR designates the maximum length of time that these reductions may accrue as "sunset dates." The Appendix lists these sunset dates. Companies can report the corresponding methane emission reductions each year up to the allowable sunset date. Or, companies may wish to report reductions only once for the implementation year, and have EPA automatically apply the sunset date and count those emissions for the allowable number of years.



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#### Current Year Activities

**A. Facility/location identifier information:** Chevron MidContinent/Alaska Business Unit ✓

**B. Activity description:** Please provide a separate PRO reporting form for each activity reported. If reporting a DI&M activity, please use a separate page for each location/facility surveyed.

Please specify the technology or practice that was implemented (choose from the list in the appendix or describe your own):

Artificial lift:  
Install Velocity Tubing Strings ✓

Please describe how your company implemented this activity:

**C. Level of Implementation** (check one):

- ☒ ☐ Number of units installed: 20 units  
☐ Frequency of practice: \_\_\_\_\_ times/year

**E. Are emissions reductions a one-year reduction or a multi-year reduction?** ☐ One-year ☒ Multi-year

If Multi-year:

☒ Partner will report this activity once and let EPA automatically calculate future emission reductions based on sunset date duration\*.

☐ Partner will report this activity annually up to allowed sunset date.

**E. Methane emissions reduction:** 93,620 ✓ Mcf

**F. Cost summary:** Estimated cost of implementing this practice/activity (including equipment and labor): \$ 1,267,054 ✓

**Please identify the basis for the emissions reduction estimate, using the space provided to show any calculations**

- ☐ Actual field measurement ☒ Other (please specify): PRO Reported Savings  
☐ Calculation using manufacturer specifications/other source

For assistance quantifying the methane emission reductions achieved by a particular technology or practice, please refer to the Gas STAR Emission Reduction Quantification Reference Guide, available on the Gas STAR Web site at: [epa.gov/gasstar/docs/quantifying\\_ngs\\_methane\\_reductions.xls](http://epa.gov/gasstar/docs/quantifying_ngs_methane_reductions.xls).

**G. Total value of gas saved:** \$ 655,340 ✓

Total value of gas saved = Methane emissions reduction (in Mcf)  
x Gas value (in \$/Mcf) [If not known, use default of \$7.00/Mcf]

**H. To what extent do you expect to implement this practice next year?**

#### Previous Years' Activities

Use the table below to report any past implementation of this PRO, but not previously reported to Natural Gas STAR

Year	Frequency of Practice/Activity or # of Installations	Total Cost of Practice/Activity (incl. equipment and labor) (\$)	Estimated Reductions (Mcf/yr)	Value of Gas Saved (\$)

**PRO Comments:** Please use the back of the page for additional space if needed.

\* Because the implementation of some technologies reduces emissions for multiple years, Gas STAR allows certain activities to count towards a company's emission reductions beyond the initial year of implementation. Gas STAR designates the maximum length of time that these reductions may accrue as "sunset dates." The Appendix lists these sunset dates. Companies can report the corresponding methane emission reductions each year up to the allowable sunset date. Or, companies may wish to report reductions only once for the implementation year, and have EPA automatically apply the sunset date and count those emissions for the allowable number of years.



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#### Current Year Activities

**A. Facility/location identifier information:** Chevron MidContinent/Alaska Business Unit ✓

**B. Activity description:** Please provide a separate PRO reporting form for each activity reported. If reporting a DI&M activity, please use a separate page for each location/facility surveyed.

Please specify the technology or practice that was implemented (choose from the list in the appendix or describe your own):

Install soap launchers/soap units ✓

Please describe how your company implemented this activity:

**C. Level of Implementation** (check one):

- ☒ Number of units installed: 4 units  
☐ Frequency of practice: \_\_\_\_\_ times/year

**E. Are emissions reductions a one-year reduction or a multi-year reduction?** ☐ One-year ☒ Multi-year

If Multi-year:

☒ Partner will report this activity once and let EPA automatically calculate future emission reductions based on sunset date duration\*.

☐ Partner will report this activity annually up to allowed sunset date.

**E. Methane emissions reduction:** 10,080 ✓ Mcf

**F. Cost summary:** Estimated cost of implementing this practice/activity (including equipment and labor): \$ 15,535 ✓

**Please identify the basis for the emissions reduction estimate, using the space provided to show any calculations**

- ☐ Actual field measurement  
☐ Calculation using manufacturer specifications/other source

☒ Other (please specify): PRO Reported Savings ✓

For assistance quantifying the methane emission reductions achieved by a particular technology or practice, please refer to the Gas STAR Emission Reduction Quantification Reference Guide, available on the Gas STAR Web site at: [epa.gov/gasstar/docs/quantifying\\_ngs\\_methane\\_reductions.xls](http://epa.gov/gasstar/docs/quantifying_ngs_methane_reductions.xls).

**G. Total value of gas saved:** \$ 70,560 ✓

Total value of gas saved = Methane emissions reduction (in Mcf)  
x Gas value (in \$/Mcf) [If not known, use default of \$7.00/Mcf]

**H. To what extent do you expect to implement this practice next year?**

#### Previous Years' Activities

Use the table below to report any past implementation of this PRO, but not previously reported to Natural Gas STAR

Year	Frequency of Practice/Activity or # of Installations	Total Cost of Practice/Activity (incl. equipment and labor) (\$)	Estimated Reductions (Mcf/yr)	Value of Gas Saved (\$)

**PRO Comments:** Please use the back of the page for additional space if needed.

\* Because the implementation of some technologies reduces emissions for multiple years, Gas STAR allows certain activities to count towards a company's emission reductions beyond the initial year of implementation. Gas STAR designates the maximum length of time that these reductions may accrue as "sunset dates." The Appendix lists these sunset dates. Companies can report the corresponding methane emission reductions each year up to the allowable sunset date. Or, companies may wish to report reductions only once for the implementation year, and have EPA automatically apply the sunset date and count those emissions for the allowable number of years.





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### Current Year Activities

**A. Facility/location identifier information:** Chevron MidContinent/Alaska Business Unit ✓

**B. Activity description:** Please provide a separate PRO reporting form for each activity reported. If reporting a DI&M activity, please use a separate page for each location/facility surveyed.

Please specify the technology or practice that was implemented (choose from the list in the appendix or describe your own):

Solar Pumps §

Convert gas-driven chemical pumps to solar pumps ✓

Please describe how your company implemented this activity:

**C. Level of Implementation** (check one):

- ☒ ☐ Number of units installed: 12 units  
☐ Frequency of practice: \_\_\_\_\_ times/year

**E. Are emissions reductions a one-year reduction or a multi-year reduction?** ☐ One-year ☒ Multi-year

If Multi-year:

☒ Partner will report this activity once and let EPA automatically calculate future emission reductions based on sunset date duration\*.

☐ Partner will report this activity annually up to allowed sunset date.

**E. Methane emissions reduction:** 15,008 ✓ Mcf

**F. Cost summary:** Estimated cost of implementing this practice/activity (including equipment and labor): \$ 60,000 ✓

**Please identify the basis for the emissions reduction estimate, using the space provided to show any calculations**

- ☐ Actual field measurement  
☐ Calculation using manufacturer specifications/other source

☒ Other (please specify): PRO Reported Savings ✓

For assistance quantifying the methane emission reductions achieved by a particular technology or practice, please refer to the Gas STAR Emission Reduction Quantification Reference Guide, available on the Gas STAR Web site at: [epa.gov/gasstar/docs/quantifying\\_nqs\\_methane\\_reductions.xls](http://epa.gov/gasstar/docs/quantifying_nqs_methane_reductions.xls).

**G. Total value of gas saved:** \$ 105,058 ✓

Total value of gas saved = Methane emissions reduction (in Mcf)  
x Gas value (in \$/Mcf) [If not known, use default of \$7.00/Mcf]

**H. To what extent do you expect to implement this practice next year?**

### Previous Years' Activities

Use the table below to report any past implementation of this PRO, but not previously reported to Natural Gas STAR

Year	Frequency of Practice/Activity or # of Installations	Total Cost of Practice/Activity (incl. equipment and labor) (\$)	Estimated Reductions (Mcf/yr)	Value of Gas Saved (\$)

**PRO Comments:** Please use the back of the page for additional space if needed.

\* Because the implementation of some technologies reduces emissions for multiple years, Gas STAR allows certain activities to count towards a company's emission reductions beyond the initial year of implementation. Gas STAR designates the maximum length of time that these reductions may accrue as "sunset dates." The Appendix lists these sunset dates. Companies can report the corresponding methane emission reductions each year up to the allowable sunset date. Or, companies may wish to report reductions only once for the implementation year, and have EPA automatically apply the sunset date and count those emissions for the allowable number of years.



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#### Current Year Activities

**A. Facility/location identifier information:** Chevron MidContinent/Alaska Business Unit ✓

**B. Activity description:** Please provide a separate PRO reporting form for each activity reported. If reporting a DI&M activity, please use a separate page for each location/facility surveyed.

Please specify the technology or practice that was implemented (choose from the list in the appendix or describe your own):

[Install VRUs] on crude oil storage tanks ✓

Please describe how your company implemented this activity:

**C. Level of Implementation** (check one):

- ☒ ☐ Number of units installed: 5 units  
☐ Frequency of practice: \_\_\_\_\_ times/year

**E. Are emissions reductions a one-year reduction or a multi-year reduction?** ☐ One-year ☒ Multi-year

**If Multi-year:**

☒ Partner will report this activity once and let EPA automatically calculate future emission reductions based on sunset date duration\*.

☐ Partner will report this activity annually up to allowed sunset date.

**E. Methane emissions reduction:** 1869 ✓ Mcf

**F. Cost summary:** Estimated cost of implementing this practice/activity (including equipment and labor): \$ 546,572 ✓

**Please identify the basis for the emissions reduction estimate, using the space provided to show any calculations**

- ☐ Actual field measurement ☒ Other (please specify): PRO Reported Savings ✓  
☐ Calculation using manufacturer specifications/other source

For assistance quantifying the methane emission reductions achieved by a particular technology or practice, please refer to the Gas STAR Emission Reduction Quantification Reference Guide, available on the Gas STAR Web site at: [epa.gov/gasstar/docs/quantifying\\_ngs\\_methane\\_reductions.xls](http://epa.gov/gasstar/docs/quantifying_ngs_methane_reductions.xls).

**G. Total value of gas saved:** \$ 13,085 ✓

Total value of gas saved = Methane emissions reduction (in Mcf)  
x Gas value (in \$/Mcf) [If not known, use default of \$7.00/Mcf]

**H. To what extent do you expect to implement this practice next year?**

#### Previous Years' Activities

Use the table below to report any past implementation of this PRO, but not previously reported to Natural Gas STAR

Year	Frequency of Practice/Activity or # of Installations	Total Cost of Practice/Activity (incl. equipment and labor) (\$)	Estimated Reductions (Mcf/yr)	Value of Gas Saved (\$)

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#### Current Year Activities

**A. Facility/location identifier information:** Chevron MidContinent/Alaska Business Unit ✓

**B. Activity description:** Please provide a separate PRO reporting form for each activity reported. If reporting a DI&M activity, please use a separate page for each location/facility surveyed.

Please specify the technology or practice that was implemented (choose from the list in the appendix or describe your own):

Equipment replacement or shutdown  
Eliminate unnecessary equipment ✓

Please describe how your company implemented this activity:

Downsize compressors ✓

**C. Level of Implementation** (check one):

- ☒ Number of units installed: 1 units ✓  
☐ Frequency of practice: \_\_\_\_\_ times/year

**E. Are emissions reductions a one-year reduction or a multi-year reduction?** ☒ One-year ☐ Multi-year

If Multi-year:

☐ Partner will report this activity once and let EPA automatically calculate future emission reductions based on sunset date duration\*.

☐ Partner will report this activity annually up to allowed sunset date.

**E. Methane emissions reduction:** 60 ✓ Mcf

**F. Cost summary:** Estimated cost of implementing this practice/activity (including equipment and labor): \$ 17,814 ✓

**Please identify the basis for the emissions reduction estimate, using the space provided to show any calculations**

- ☐ Actual field measurement  
☒ Calculation using manufacturer specifications/other source ✓

☐ Other (please specify):

For assistance quantifying the methane emission reductions achieved by a particular technology or practice, please refer to the Gas STAR Emission Reduction Quantification Reference Guide, available on the Gas STAR Web site at: [epa.gov/gasstar/docs/quantifying\\_ngs\\_methane\\_reductions.xls](http://epa.gov/gasstar/docs/quantifying_ngs_methane_reductions.xls).

**G. Total value of gas saved:** \$ 420 ✓

Total value of gas saved = Methane emissions reduction (in Mcf)  
x Gas value (in \$/Mcf) [If not known, use default of \$7.00/Mcf]

**H. To what extent do you expect to implement this practice next year?**

#### Previous Years' Activities

Use the table below to report any past implementation of this PRO, but not previously reported to Natural Gas STAR

Year	Frequency of Practice/Activity or # of Installations	Total Cost of Practice/Activity (incl. equipment and labor) (\$)	Estimated Reductions (Mcf/yr)	Value of Gas Saved (\$)

**PRO Comments:** Please use the back of the page for additional space if needed.

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#### Current Year Activities

A. Facility/location identifier information: Chevron MidContinent/Alaska Business Unit ✓

B. Activity description: Please provide a separate PRO reporting form for each activity reported. If reporting a DI&M activity, please use a separate page for each location/facility surveyed.

Please specify the technology or practice that was implemented (choose from the list in the appendix or describe your own):

Install electric compressors ✓

Please describe how your company implemented this activity:

C. Level of Implementation (check one):

- ☒ Number of units installed: 14  
☐ Frequency of practice: \_\_\_\_\_

units ✓  
times/year

E. Are emissions reductions a one-year reduction or a multi-year reduction? ☐ One-year ☒ Multi-year

If Multi-year:

☒ Partner will report this activity once and let EPA automatically calculate future emission reductions based on sunset date duration\*.

☐ Partner will report this activity annually up to allowed sunset date.

E. Methane emissions reduction: 1646 ✓ Mcf

F. Cost summary: Estimated cost of implementing this practice/activity (including equipment and labor): \$ 672,407 ✓

Please identify the basis for the emissions reduction estimate, using the space provided to show any calculations

☐ Actual field measurement

✓ ☒ Other (please specify): PRO Reported Savings

☐ Calculation using manufacturer specifications/other source

For assistance quantifying the methane emission reductions achieved by a particular technology or practice, please refer to the Gas STAR Emission Reduction Quantification Reference Guide, available on the Gas STAR Web site at: [epa.gov/gasstar/docs/quantifying\\_ngs\\_methane\\_reductions.xls](http://epa.gov/gasstar/docs/quantifying_ngs_methane_reductions.xls).

G. Total value of gas saved: \$ 12702 ✓

Total value of gas saved = Methane emissions reduction (in Mcf)  
x Gas value (in \$/Mcf) [If not known, use default of \$7.00/Mcf]

H. To what extent do you expect to implement this practice next year?

#### Previous Years' Activities

Use the table below to report any past implementation of this PRO, but not previously reported to Natural Gas STAR

Year	Frequency of Practice/Activity or # of Installations	Total Cost of Practice/Activity (incl. equipment and labor) (\$)	Estimated Reductions (Mcf/yr)	Value of Gas Saved (\$)

**PRO Comments:** Please use the back of the page for additional space if needed.

\* Because the implementation of some technologies reduces emissions for multiple years, Gas STAR allows certain activities to count towards a company's emission reductions beyond the initial year of implementation. Gas STAR designates the maximum length of time that these reductions may accrue as "sunset dates." The Appendix lists these sunset dates. Companies can report the corresponding methane emission reductions each year up to the allowable sunset date. Or, companies may wish to report reductions only once for the implementation year, and have EPA automatically apply the sunset date and count those emissions for the allowable number of years.